

ART. VIII.—*Catalogue of the Marine Shells of Victoria.*

PART VII.

By G. B. PRITCHARD AND J. H. GATLIFF.

[Read 11th June, 1903].

The present paper refers to ninety-seven species of bivalves, contained in the following families :—Gastrochaenidae, Clavagellidae, Teredidae, Pholadidae, Solenidae, Saxicavidae, Corbulidae, Anatinidae, Mactridae, Mesodesmatidae, Semelidae, Tellinidae, Donacidae, Petricolidae, Veneridae, Cardiidae, Chamidae, and Lucinidae.

The previous papers, Parts I. to VI., dealt with the Cephalopoda and Gastropoda, and referred to 531 species, so that with the addition of the present part, which forms the first portion of the Lamellibranchiata, the total now stands at 628 species.

Family GASTROCHAENIDAE.

Genus *Gastrochaena*, Spengler, 1783.

GASTROCHAENA TASMANICA, T. Woods.

1877. *Gastrochaena tasmanica*, T. Woods. P.R.S. Tas.,
p. 159.

1878. *Gastrochaena tasmanica*, Angas. P.Z.S. Lond., p.
869, No. 56.

1887. *Gastrochaena tasmanica*, Tate. T.R.S. S.A., vol.
ix., p. 81, pl. 5, f. 10*a*, *b*.

Hab.—Schnapper Point, Port Phillip (Nat. Mus.).

Family CLAVAGELLIDAE.

Genus *Clavagella*, Lamarck, 1807.

CLAVAGELLA AUSTRALIS, Sowerby.

Clavagella australis, Sowerby. In Stutchbury's
Catalogue, pl. 1, f. 1.

1872. *Clavagella australis*, Reeve. *Conch. Icon.*, vol. xviii., pl. 2, f. 4a, b, c, d.
1884. *Clavagella (Dacosta) australis*, Tryon. *Struct. and Syst. Conch.*, vol. iii., p. 119.
1895. *Clavagella australis*, Clessin. *Conch. Cab.*, vol. xi., *Gastrochaena*, p. 22, No. 8, pl. 9, f. 7-10.

Hab.—Victoria (Prof. R. Tate).

Genus *Humphreyia*, Gray, 1858.

HUMPHREYIA STRANGEI, A. Adams.

1852. *Aspergillum strangei*, A. Adams. *P.Z.S. Lond.*, p. 91, pl. 15, f. 5.
1858. *Humphreyia strangei*, Gray. *P.Z.S. Lond.*, p. 317.
1878. *Humphreyia strangei*, Angas. *P.Z.S. Lond.*, p. 869, No. 55.
1878. *Humphreyia strangei*, T. Woods. *P.R.S. Tas.*, p. 47.
1884. *Humphreyia strangei*, Tryon. *Struct. and Syst. Conch.*, vol. iii., p. 118, pl. 104, f. 44.
1895. *Aspergillum strangei*, Clessin. *Conch. Cab.*, vol. xi., *Gastrochaena*, p. 34, No. 19, pl. 10, f. 4.

Hab.—Flinders to Balnarring, dredged alive, 5 to 8 fathoms, shell-sand bottom, off Rhyll, Phillip Island, and San Remo, Western Port. Rare in Port Phillip.

Family TEREDIDAE.

Genus *Nausitora*, Wright, 1864.

NAUSITORA SAULII, E. P. Wright.

1865. *Nausitora saulii*, E. P. Wright. *Trans. Lin. Soc. Lond.*, vol. xxv., pl. 65, f. 9-15.
1875. *Teredo saulii*, Reeve. *Conch. Icon.*, vol. xx., pl. 3, f. 10a, b, c, d.
1884. *Teredo saulii*, Sowerby. *Thes. Conch.*, vol. v., p. 123, pl. 469, f. 18.
1889. *Teredo fragilis*, Tate. *T.R.S. S.A.*, vol. xi., p. 60, pl. 11, f. 13a, b, c.
1893. *Teredo saulii*, Clessin. *Conch. Cab.*, vol. xi., pt. 23, p. 70, No. 10, pl. 17, f. 7-9.

1898. *Calobates saulii*, Hedley. P.L.S. N.S.W., vol. xxiii., p. 94, f. 7-9.

1901. *Nausitoria saulii*, Hedley. Rep. Aust. Ass. Adv. Sci., vol. viii., p. 248.

Hab.—Port Melbourne, Beaumaris, Mornington, Port Phillip.

Obs.—This species has been misquoted from Callao, whereas the original locality for the specimens was Port Phillip, Victoria. It has since had its range extended to Sydney, Adelaide and Launceston.

NAUSITORA THORACITES, Gould.

1856. *Calobates thoracites*, Gould. Proc. Boston Soc. Nat. Hist., vol. vii., p. 15.

1865. *Calobates australis*, Wright. Trans. Lin. Soc. Lond., vol. xxv., p. 564, pl. 64, f. 1-5.

1893. *Teredo thoracites*, Clessin. Conch. Cab., vol. xi., Pholas., p. 76, No. 23, pl. 19, f. 1-6.

1893. *Teredo australis*, Clessin. *Id.*, No. 24, pp. 77, 78, pl. 20, f. 1-3.

1901. *Nausitoria thoracites*, Hedley. Rep. Aust. Ass. Adv. Sci., vol. viii., p. 247.

Hab.—Specimens from drift timber from Lakes Entrance, Gippsland, in the Engineering School, Melbourne University, identified by Mr. T. S. Hall.

NAUSITORA EDAX, Hedley.

1894. *Teredo edax*, Hedley. P.L.S. N.S.W., vol. ix., pp. 501-505, pl. 32, f. 1-5.

1901. *Nausitoria edax*, Hedley. Rep. Aust. Ass. Adv. Sci., vol. viii., p. 248, pl. 9, and pl. 10, f. 5.

Hab.—Drift-timber, Balnarring, Western Port.

Family PHOLADIDAE.

Genus *Barnea*, Risso, 1826.

BARNEA AUSTRALASIAE, Sowerby.

Barnea australasiae, Gray. MS.

1849. *Pholas australasiae*, Sowerby. Thes. Conch., vol. ii., p. 488, sp. 11, pl. 107, f. 73.

1865. *Barnea australasiae*, Angas. P.Z.S. Lond., p. 643.

1872. *Pholas australasiae*, Reeve. *Conch. Icon.*, vol. xviii., pl. 3, f. 11.

1893. *Pholas (Barnea) australasiae*, Clessin. *Conch. Cab.*, vol. xi., *Pholas*, p. 21, pl. 6, f. 2.

Hab.—Port Phillip; Western Port; Anderson's Inlet (W. H. Ferguson); Portland (Maplestone).

Obs.—This species at present appears to be very much rarer in Hobson's Bay and along the Bay between St. Kilda and Sandringham than it was a few years back.

BARNEA OBTURAMENTUM, Hedley.

1893. *Pholas obturamentum*, Hedley. *Records Austr. Mus.*, vol. ii., No. 4, pp. 55-57, pl. 14, f. 1, 2, 3.

Hab.—Hobson's Bay and Port Phillip generally; Western Port; Portland (Maplestone); Loutit Bay, Lakes Entrance (Nat. Mus.).

Obs.—Mr. Hedley in the above paper was the first to clear up the difficulties surrounding this species, in that up to the time of his dealing with the matter it had been usually referred to as *Barnea similis*, Gray.

Family SOLENIDAE.

Genus *Solen*, Linnaeus, 1757.

SOLEN VAGINOIDES, Lamarck.

1818. *Solen vaginoides*, Lamarck. *Anim. S. Vert.*, vol. v., p. 451, No. 3.

1819. *Solen vaginoides*, Lamarck, *Id.*, vol. vi., p. 54, No. 3.

1839. *Solen vaginoides*, Lamarck. *Id.* (3rd ed. Deshayes and Edwards), vol. ii., p. 521, No. 3.

1841. *Solen vaginoides*, Delessert. *Recueil de Coq.*, No. 3, pl. 2, f. 3*a*, *b*.

1842. *Solen vaginoides*, Hanley. *Cat. Rec. Biv. Shells*, p. 11.

1874. *Solen vaginoides*, Reeve. *Conch. Icon.*, vol. xix. pl. 5, f. 23.

1888. *Solen vaginoides*, Clessin. *Conch. Cab.*, vol. xi., *Solen*, p. 16, No. 17, pl. 7, f. 2.

Hab.—Altona Bay, Portarlington, Portsea, Port Phillip; Western Port; Portland (Maplestone).

Obs.—Hanley says *S. corneus*, Wood (non Lamarck), is a synonym of this species, but the figure given represents a much straighter shell than ours. Wood, *Index Test. Sup.*, pl. 1, f. 2.

Family SAXICAVIDAE.

Genus *Saxicava*, Bellevue, 1802.

SAXICAVA AUSTRALIS, Lamarck.

1819. *Corbula australis*, Lamarck. *Anim. S. Vert.*, vol. vi., p. 153, No. 1.
1839. *Corbula australis*, Lamarck. *Id.* (3rd ed. Deshayes and Edwards), vol. ii., p. 547, No. 1.
1875. *Saxicava australis*, Reeve. *Conch. Icon.*, vol. xx., pl. 2, f. 8.
1880. *Saxicava australis*, Hutton. *Man. N.Z. Moll.*, p. 134.
1884. *Saxicava australis*, Sowerby. *Thes. Conch.*, vol. v., p. 132, pl. 471, f. 2.
1895. *Saxicava australis*, Clessin. *Conch. Cab.*, vol. xi., *Gastrochaena*, p. 40, No. 4, pl. 6, f. 1-4.

Hab.—A common species on our coast, showing great variation in shape and size, occasionally attaining to upwards of an inch in length even in Hobson's Bay.

Genus *Panopaea*, Menard de la Groye, 1807.

PANOPAEA AUSTRALIS, Sowerby.

- 1824? *Panopaea australis*, Sowerby. *Genera*, pl. 40, f. 2.
1839. *Panopaea australis*, Lamarck. *Anim. S. Vert.* (3rd ed. Deshayes and Edwards), vol. ii., p. 525, No. 3.
1842. *Panopaea australis*, Reeve. *Conch. Syst.*, vol. ii., pl. 27, f. 2.
1842. *Panopaea australis*, Hanley. *Cat. Rec. Biv. Shells*, p. 18, pl. 9, f. 24 (in explanation of plate, p. 2, referred to erroneously as No. 25).

1873. *Panopaea australis*, Reeve. Conch. Icon., vol. xix.,
pl. 6, f. 11.

1895. *Panopaea australis*, Clessin. Conch. Cab., vol. xi.,
Gastrochaena, p. 51, No. 10, pl. 19, f. 1.

Hab.—San Remo (Miss Stirling); Portland (Maplestone).

Family CORBULIDAE.

Genus *Corbula*, Bruguière, 1792.

CORBULA SCAPHOIDES, Hinds.

1843. *Corbula scaphoides*, Hinds. P.Z.S. Lond. p. 56.

1844. *Corbula scaphoides*, Reeve. Conch. Icon., vol. ii.,
pl. 3, f. 24.

1885. *Corbula scaphoides*, E. A. Smith. Chall. Zool.,
vol. xiii., Lam., p. 32, pl. 7, f. 3-3*b*.

Hab.—Port Phillip; Western Port; Port Albert; Corio Bay
(J. F. Mulder); Hobson's Bay.

CORBULA TUNICATA, Hinds.

1843. *Corbula tunicata*, Hinds. P.Z.S., Lond., p. 55.

1844. *Corbula tunicata*, Reeve. Conch. Icon., vol. ii.,
pl. 1, f. 5.

1868. *Corbula tunicata*, Tyron. Amer. Jour. Conch.,
vol. iv., App., p. 66.

1885. *Corbula tunicata*, E. A. Smith. Chall. Zool., vol.
xiii., Lam. p. 29.

Hab.—Portland; Port Albert; Snake Island; Western Port.

CORBULA CUNEATA, Hinds.

1843. *Corbula cuneata*, Hinds. P.Z.S. Lond., p. 55.

1844. *Corbula cuneata*, Reeve, Conch. Icon., vol. ii., pl.
4, f. 33.

Hab.—Portland.

Family ANATINIDAE.

Genus *Myodora*, Gray, 1840.

MYODORA BREVIS, Sowerby.

Pandora brevis, Sowerby. App. Stutchbury's Cat.,
p. 3, f. 2.

1835. *Anatina brevis*, Stutchbury. *Zoo. Jour.*, vol. v.,
p. 99, Tab., Sup., 43, f. 1, 2.
1842. *Myodora brevis*, Hanley. *Cat. Rec. Biv. Shells*,
p. 24.
1844. *Myadora brevis*, Reeve. *P.Z.S. Lond.*, p. 93.
1844. *Myadora brevis*, Reeve. *Conch. Icon.*, vol. ii., pl.
1, f. 7a, b.
1856. *Myodora brevis*, Hanley. *Cat. Rec. Biv. Shells*,
pp. 338, 339, pl. 10, f. 13.
1862. *Myodora brevis*, Chenu. *Man. Conch.*, vol. ii., p.
52, f. 217.
1880. *Myodora brevis*, E. A. Smith. *P.Z.S. Lond.*, p.
580, No. 3.
1885. *Myodora brevis*, E. A. Smith. *Chall. Zool.*, vol.
xiii., Lam., p. 64.

Hab.—Hobson's Bay; Port Phillip; occasionally very large specimens up to an inch and a half in diameter obtained by dredging, also generally distributed along the coast at favourable parts.

Obs.—*M. brevis* of Woodward's *Manual of the Mollusca*, plate 23, figure 12, is not the above species, but, as has been pointed out by E. A. Smith, it may represent *M. striata*, Quoy and Gaimard. *M. brevis* of Messrs. H. and A. Adams' *Genera*, plate 98, figure 2, 2a, is also distinct from the above species.

MYODORA PANDORIFORMIS, Stutchbury.

1835. *Anatina pandoriformis*, Stutchbury. *Zoo. Jour.*,
vol. v., p. 99, Tab., Sup., 43, f. 3, 4.
1844. *Myadora pandoraeformis*, Reeve. *P.Z.S. Lond.*,
p. 93.
1844. *Myadora pandoraeformis*, Reeve. *Conch. Icon.*,
vol. ii., pl. 1, f. 10.
1856. *Myodora pandoriformis*, Hanley. *Cat. Rec Biv.*
Shells, pl. 10, f. 9.
1858. *Myodora brevis*, H. and A. Adams (non Sowerby).
Gen. Rec. Moll., vol. iii., pl. 98, f. 2, 2a.
1880. *Myodora pandoriformis*, E. A. Smith. *P.Z.S.*
Lond., p. 581.
1885. *Myodora pandoriformis*, E. A. Smith. *Chall. Zool.*,
vol. xiii., Lam., p. 64.

Hab.—Port Phillip (Brit. Mus.).

MYODORA OVATA, Reeve.

1844. *Myodora ovata*, Reeve. P.Z.S. Lond., p. 92.
 1844. *Myodora ovata*, Reeve. Conch. Icon., vol. ii., pl. 1, f. 4.
 1862. *Myodora ovata*, Chenu. Man. de Conch., vol. ii., p. 52, f. 216.
 1880. *Myodora ovata*, E. A. Smith. P.Z.S. Lond., p. 582, pl. 53, f. 2, 2a.

Hab.—Dredged alive from 5 to 8 fathoms off Rhyll, Western Port, also San Remo and Port Phillip.

Genus *Myochama*, Stutchbury, 1830.

MYOCHAMA ANOMIOIDES, Stutchbury.

1835. *Myochama anomioides*, Stutchbury. Zoo. Jour., vol. v., p. 97, Tab., Sup., 42, f. 1-4.
 1850. *Myochama anomioides*, A. Adams. P.Z.S. Lond., p. 23.
 1853. *Myochama anomioides*, Hancock. A.M.N.H., vol. xi., p. 287, pl. 11 (animal).
 1860. *Myochama anomioides*, Reeve. Conch. Icon., vol. xii., pl. 1, f. 4c only.
 1862. *Myochama anomioides*, Chenu. Man. de Conch., vol. ii., p. 52, f. 219.
 1875. *Myochama anomioides*, Woodward. Man. Moll., p. 499, pl. 23, f. 13.
 1884. *Myochama anomioides*, Tryon. Struct. and Syst. Conch., vol. iii., p. 144, pl. 108, f. 51-53.
 1885. *Myochama anomioides*, E. A. Smith. Chall. Zool., vol. xiii., Lam., p. 63.
 1887. *Myochama anomioides*, Fischer. Man. de Conch., p. 1159, pl. 23, f. 13.

Hab.—Off East Moncoeur Island, Bass Straits (Challenger), generally off the Gippsland coast and frequently adherent to our large *Crassatella kingicola*, also on species of *Glycimeris* (*Pectunculus*).

Obs.—In the Zoological Journal, vol. v., there are six figures of this species given on plate 42, but the figures are not numbered, while in the text reference is made to figures 1, 2, 3, 4.

MYOCHAMA KEPPELLIANA, A. Adams.

1852. *Myochama keppelliana*, A. Adams. P.Z.S. Lond.,
p. 90, pl. 15, f. 1.

1860. *Myochama keppelliana*, Reeve. Conch. Icon., vol.
xii., pl. 1, f. 2.

1884. *Myochama keppelliana*, Tryon. Struct. and Syst.
Conch., vol. iii., p. 144, pl. 108, f. 54.

Hab.—Off Lakes' Entrance, Gippsland.

Obs.—This form appears to show sufficiently distinct characters in our examples to permit of it being retained as a good species.

Genus *Thracia*, Blainville, 1824.

THRACIA MYODOROIDES, E. A. Smith.

1885. *Thracia myodoroides*, E. A. Smith. Chall. Zool.,
vol. xiii., Lam., pp. 14, 70, pl. 6, f. 6-6*b*.

Hab.—Off East Moncoeur Island, Bass Straits (Challenger).

THRACIA MODESTA, Angas.

1867. *Thracia modesta*, Angas. P.Z.S. Lond., p. 908,
pl. 44, f. 3.

1885. *Thracia modesta*, E. A. Smith. Chall. Zool., vol.
xiii., Lam., p. 71.

Hab.—Dredged off Rhyll, Western Port; Frankston, Port Phillip.

Note.—We have two other species of the genus *Thracia*, one from Portsea, and the other from Hobson's Bay. Hitherto we have been unable to identify either of them.

Genus *Phragmorisma*, Tate.

PHRAGMORISMA WATSONI, E. A. Smith.

1885. *Thracia watsoni*, E. A. Smith. Chall. Zool., vol.
xiii., Lam., pp. 14, 69, pl. 6, f. 5-5*b*.

1894. *Phragmorisma watsoni*, Tate. Jour. Roy. Soc.
N.S.W., vol. xxvii., p. 189, 190.

Hab.—Off East Moncoeur Island, Bass Straits (Challenger).

Genus **Anatina**, Lamarck, 1809.

ANATINA CRECCINA, Reeve.

1860. *Anatina creccina*, Reeve. Conch. Icon., vol. xiv.,
pl. 2, f. 12.

1865. *Anatina creccina*, Angas. P.Z.S. Lond., p. 644,
No. 7.

Hab.—Portarlington, Hobson's Bay, Port Phillip.

ANATINA TASMANICA, Reeve.

1860. *Anatina tasmanica*, Reeve. Conch. Icon., vol. xiv.,
pl. 3, f. 20.

1860. *Anatina recta*, Reeve. *Id.*, pl. 4, f. 24.

Hab.—Sandringham, and Port Phillip generally.

Genus **Cochlodesma**, Couthouy, 1839.

COCHLODESMA ANGASI, Crosse and Fischer.

1864. *Periploma angasi*, Crosse and Fischer. Jour. d.
Conch., p. 349.

1865. *Periploma angasi*, Crosse and Fischer. *Id.*, p. 427,
pl. 11, f. 1.

1865. *Anatina angasi*, Angas. P.Z.S. Lond., p. 644,
No. 6.

1901. *Cochlodesma angasi*, Suter. Trans. N.Z. Inst., vol.
xxxiv, p. 220.

1902. *Cochlodesma angasi*, Hedley. P.L.S. N.S.W., vol.
xxvii., pt. 1, p. 17.

Hab.—Frankston, Portarlington, Port Phillip.

Family **MACTRIDAE**.

Genus **Mactra**, Linnaeus, 1767.

MACTRA PURA Deshayes.

1839. *Mactra australis*, Sowerby (non Lamarck). Bee-
chey's Zool., p. 154, pl. 44, f. 6.

1842. *Mactra australis*, Hanley (non Lamarck). Cat.
Rec. Biv. Shells, p. 32.

1853. *Mactra pura*, Deshayes. P.Z.S. Lond., p. 15, No.
4.

1854. *Mactra pura*, Reeve. *Conch. Icon.*, vol. viii., pl. 12, f. 53.
1856. *Mactra australis*, Hanley (non Lamarck). *Id.*, p. 340, pl. 10, f. 36.
1884. *Mactra pura*, Weinkauff. *Conch. Cab.*, *Mactra*, p. 26, No. 21, pl. 9, f. 1, 1a, and pl. 28, f. 3.

Hab.—Western Port, San Remo, Portland (Maplestone).

Obs.—Mr. C. Hedley in the Proceedings of the Linnean Society of New South Wales, vol. xxvii., pt. 4, pp. 597-599, April, 1903, states that the identification of the South Australian bivalve, by Professor R. Tate, as *Mactra pura*, Deshayes, is erroneous (Tate, T.R.S. S.A., vol. ix., p. 83). The *Mactra pura* of which Mr. Hedley gathered an example on the beach at Green Island, off Cairns, Queensland, is stated to be a larger and flatter species with a smooth dorsal area. Mr. Hedley has had South Australian specimens compared with the type of *M. abbreviata*, Lamarck, but identification with that species seems unsatisfactory, even his correspondent preferring to regard our shell as a distinct species. Mr. Hedley's conclusion to call the shell *M. abbreviata* var., appears rather unfortunate, especially as the figures given on plate 29, figures 1-3, do not appear to illustrate the Victorian representatives of what is usually referred to here as *M. pura*, Deshayes.

MACTRA RUFESCENS, Lamarck.

1818. *Mactra rufescens*, Lamarck. *Anim. S. Vert.*, vol. v., p. 476, No. 15.
1819. *Mactra rufescens*, Lamarck. *Id.* (ed. Desh.), vol. vi., p. 105, No. 15.
1839. *Mactra rufescens*, Lamarck. *Id.* (3rd ed. Deshayes and Edwards), vol. ii., p. 536, No. 15.
1842. *Mactra rufescens*, Hanley. *Cat. Rec. Biv. Shells*, p. 30.
1854. *Mactra rufescens*, Reeve. *Conch. Icon.*, vol. viii., pl. 3, f. 9.
1856. *Mactra rufescens*, Hanley. *Id.*, p. 340, pl. 10, f. 30 in text, f. 20 on plate.
1884. *Mactra rufescens*, Weinkauff. *Conch. Cab.*, *Mactra*, pp. 88, 89, No. 93, pl. 30, f. 4, 5.

Hab.—Lakes Entrance, Gippsland, Snake Island, Port Albert ; Cape Bridgewater, Portland, Apollo Bay.

MACTRA POLITA, Chemnitz.

1782. *Mactra polita*, Chemnitz. Conch. Cab., vol. vi., p. 222, pl. 22, f. 216, 217.

1854. *Mactra polita*, Reeve. Conch. Icon., vol. viii., pl. 10, f. 39.

1884. *Mactra polita*, Weinkauff. Conch. Cab., *Mactra*, pp. 14, 15, pl. 4, f. 5, 6.

Hab.—Gellibrand Coast, Cape Bridgewater, Portland.

MACTRA JACKSONENSIS, E. A. Smith.

1867. *Trigonella pusilla*, Angas (non A. Adams). P.Z.S. Lond., p. 916.

1885. *Mactra jacksonensis*, E. A. Smith. Chall. Zool., vol. xiii., Lam. p. 63, pl. 5, f. 9-9*b*.

1890. *Mactra jacksoniensis*, Whitelegge. Jour. Roy. Soc. N.S.W., vol. xxiii., p. 236 (p. 74 in list.).

Hab.—Dredged off Rhyl, Western Port ; dredged off Portsea, 4 to 5 fathoms.

MACTRA PUSILLA, A. Adams.

1855. *Mactra pusilla*, A. Adams. P.Z.S. Lond., p. 226.

1885. *Mactra pusilla*, E. A. Smith. Chall. Zool., vol. xiii., Lam., p. 60, pl. 5, f. 8-8*c*.

Hab.—Port Albert (T. Worcester).

MACTRA OVALINA, Lamarck.

1818. *Mactra ovalina*, Lamarck. Anim. S. Vert. vol. v., p. 477.

1819. *Mactra ovalina*, Lamarck. *Id.* (ed. Desh.), vol. vi., p. 104, No. 21.

1839. *Mactra ovalina*, Lamarck. *Id.* (3rd ed. Deshayes and Edwards), vol. ii., p. 537, No. 21.

1841. *Mactra ovalina*, Delessert. Recueil de Coq., pl. 3, f. 7*a*, *b*.

1842. *Mactra ovalina*, Hanley. Cat. Rec. Biv. Shells, p. 31, pl. 11, f. 23.

1854. *Mactra depressa*, Reeve. Conch Icon., vol. viii., pl. 14, f. 67.

1884. *Mactra ovalina*, Weinkauff. *Conch. Cab., Mactra*, pp. 69, 70, No. 70, pl. 25, f. 1, 1a.
 1885. *Mactra (Mactrinula) depressa*, E. A. Smith. *Chall. Zool.*, vol. xiii., *Lam.*, p. 57.
 1897. *Hemimactra ovalina*, Tate. *T.R.S. S.A.*, vol. xxi., pt. 1, p. 46.
 1901. *Mactra (Mactrella) ovalina*, Tate and May. *P.L.S. N.S.W.*, vol. xxvi., pt. 3, p. 423.

Hab.—Hobson's Bay and Port Phillip; Western Port.

Obs.—Our shell agrees with Lamarck's description, but not so satisfactorily with Delessert's figure. Tate says that *Mactra depressa*, Reeve, is admitted as a synonym of *M. ovalina* by the British Museum. Reeve's figure is distinctly our shell, but his name could not possibly stand even if the shell were distinct from *M. ovalina* as *M. depressa* was preoccupied by Lamarck.

Note.—We have, in addition to the above 6 species, one other unidentified form, which appears so far as present investigations have gone to represent a new species.

Genus *Spisula*, Gray, 1838.

SPISULA PARVA, Petit.

1853. *Gnathodon parvum*, Petit. *Jour. de Conch.*, vol. iv., p. 358, pl. 13, f. 9, 10.
 1854. *Mactra rostrata*, Reeve (non Spengler, Philippi, etc.). *Conch. Icon.*, vol. viii., pl. 19, f. 104.
 1854. *Mactra corbuloides*, Deshayes. *P.Z.S. Lond.*, p. 63.
 1854. *Mactra corbuloides*, Reeve. *Conch. Icon.*, vol. viii., pl. 19, f. 103.
 1867. *Spisula cretacea*, Angas. *P.Z.S. Lond.*, p. 909, pl. 44, f. 6.
 1867. *Spisula producta*, Angas. *Id.*, pl. 44, f. 7.
 1871. *Mactra fluviatilis*, Angas. *Id.*, p. 20, pl. 1, f. 31.
 1873. *Gnathodon parvus*, Sowerby. In Reeve *Conch. Icon.*, vol. xix., pl. 1, f. 6.
 1890. *Mactra cretacea*, Whitelegge. *Jour. Roy. Soc. N.S.W.*, vol. xxiii., p. 236, No. 40 (p. 74 in list).

1891. *Hemimactra cretacea*, Tate. T.R.S. S.A., vol. xiv., p. 266.
1901. *Spisula cretacea*, Tate and May. P.L.S. N.S.W., vol. xxvi., pt. 3, p. 424.
1902. *Spisula parva*, Hedley. *Id.*, pt. 4, pp. 707, 708, pl. 34, f. 2, 3,

Hab.—A common estuarine shell all along the coast in the sands and sandy muds of our river and creek mouths.

Obs.—This shell used to be a rarity in the neighbourhood from Port Melbourne to the Yarra mouth ; in January, 1899, only two small specimens were obtained living after a careful search, but at the present time it occurs there in the greatest abundance and frequently of considerable dimensions.

Genus *Lutraria*, Lamarck, 1799.

LUTRARIA RHYNCHAENA, Reeve.

1854. *Lutraria rhynchaena*, Reeve. Conch. Icon., vol. viii., pl. 4, f. 16.
1891. *Lutraria oblonga*, Tate (non Gmelin). T.R.S. S.A., vol. xiv., p. 266.
1897. *Lutraria oblonga*, Tate (non Gmelin). *Id.*, vol. xxi., pt. 1, p. 46.
1901. *Lutraria rhynchaena*, Tate and May. P.L.S. N.S.W., vol. xxvi., pt. 3, p. 424.

Hab.—Western Port, San Remo.

Obs.—This shell has been confused with a European species which is already extremely rich in synonymys, and its inclusion therewith gives rise to considerable difficulties as well as being an extremely doubtful proceeding. There is no doubt about our shell being identical with Reeve's species, and that name should therefore stand.

Genus *Zenatia*, Gray, 1849.

ZENATIA VICTORIAE, Pritchard and Gatliff.

1903. *Zenatia victoriae*, Pritchard and Gatliff. P.R.S. Vic. n.s., vol. xvi., pt. 1, p. 92, pl. 15, f. 3.

Hab.—Port Albert (Mr. T. Worcester).

Obs.—The type is in Mr. Gatliff's private collection. This species differs from *Zenatia acinaces*, Quoy and Gaimard, by its

umbos being situated further back from the anterior, and its consequent larger development of the anterior portion of the shell; it also differs in the position and characters of the cartilage plate, and transverse ossicle, and in its proportional height being less.

Family MESODESMATIDAE.

Genus *Mesodesma*, Deshayes, 1830.

MESODESMA ERYCINAEA, Lamarck.

1819. *Crassatella erycinaea*, Lamarck. *Anim. S. Vert.*, vol. vi., p. 134, No. 9.
1835. *Mesodesma erycina*, Quoy and Gaimard. *Astrolabe Zool.*, vol. iii., p. 507, pl. 82, f. 1, 2, 3, 4.
1835. *Mesodesma diemenense*, Quoy and Gaimard. *Id.*, p. 507, pl. 82, f. 12-14.
1839. *Crassatella erycinaea*, Lamarck. *Anim. S. Vert.* (3rd. ed. Deshayes and Edwards), vol. ii., p. 539, No. 9.
1841. *Crassatella erycina*, Delessert. *Recueil de Coq.*, pl. 4, f. 4a, b, c.
1842. *Mesodesma erycina*, Hanley. *Cat. Rec. Biv. Shells*, p. 38.
1854. *Mesodesma erycinaea*, Reeve. *Conch. Icon.*, vol. viii., pl. 2, f. 12.
1856. *Mesodesma erycinaeum*, Hanley. *Cat. Rec. Biv. Shells*, p. 341, pl. 12, f. 26, and in explanation of plate M. *erycinea*.

Hab.—Port Albert. Alive in sand bank, Mentone, Port Phillip (J. Atkinson).

MESODESMA ELONGATA, Deshayes.

1854. *Mesodesma elongata*, Deshayes. *P.Z.S. Lond.*, p. 337, No. 94.
1854. *Mesodesma elongata*, Reeve. *Conch. Icon.*, vol. viii., pl. 1, f. 5.
1897. *Mesodesma elongata*, Tate. *T.R.S. S.A.*, vol. xxi., pt. 1, p. 46.

Hab.—San Remo, Airey's Inlet, Apollo Bay.

Obs.—This may be distinguished from the succeeding species, *M. nitida*, by its more abrupt posterior truncation and more marked anterior attenuation. The type of this species is in the British Museum.

MESODESMA NITIDA, Deshayes.

1854. *Mesodesma nitida*, Deshayes. P.Z.S. Lond., p. 338, No. 96.

1854. *Mesodesma nitida*, Reeve. Conch. Icon., vol. viii., pl. 1, f. 6.

Hab.—Very common in Port Phillip.

MESODESMA GLABRELLA, Lamarck.

1819. *Amphidesma glabrella*, Lamarck. Anim. S. Vert. (ed. Desh.), vol. vi., p. 133.

1839. *Amphidesma glabrella*, Lamarck. *Id.* (3rd ed., Deshayes and Edwards), vol. ii., p. 545, No. 13.

1842. *Mesodesma glabella*, Hanley. Cat. Rec. Biv. Shells, p. 39.

1854. *Mesodesma praecisa*, Deshayes. P.Z.S. Lond., p. 338, No. 97.

1854. *Mesodesma praecisa*, Reeve. Conch. Icon., vol. viii., pl. 4, f. 31.

1854. *Mesodesma mitis*, Reeve. *Id.*, f. 29.

1856. *Mesodesma glabellum*, Hanley. Cat. Rec. Biv. Shells, p. 341, pl. 11, f. 6.

1864. *Mesodesma obtusa*, Crosse and Fischer. Jour. de Conch., vol. xii., p. 350.

1865. *Mesodesma obtusa*, Crosse and Fischer. *Id.*, p. 428, pl. 11, f. 4.

1865. *Mesodesma praecisum*, Angas. P.Z.S. Lond., p. 647.

1897. *Mesodesma glabrella*, Tate. T.R.S. S.A., vol. xxi., pt. 1, p. 46.

1901. *Mesodesma glabrella*, Tate and May. P.L.S. N.S.W., vol. xxvi., pt. 3, p. 424.

Hab.—San Remo, Balnarring, Western Port.

Genus *Anapella*, Dall, 1895.

ANAPELLA CUNEATA, Lamarck.

1819. *Crassatella cuneata*, Lamarck. Anim. S. Vert., ed. Desh., vol. vi., p. 133.
1839. *Crassatella cuneata*, Lamarck. *Id.* (3rd ed., Deshayes and Edwards), vol. ii., p. 539, No. 8.
1842. *Mesodesma cuneata*, Hanley. Cat. Rec. Biv. Shells, p. 38.
1843. *Mesodesma triquetra*, Hanley. P.Z.S. Lond., p. 101.
1854. *Mesodesma cuneata*, Reeve. Conch. Icon., vol. viii., pl. 2, f. 9.
1854. *Mesodesma triquetra*, Reeve. *Id.*, pl. 4, f. 28.
Mesodesma smithii, Gray.
1856. *Mesodesma triquetrum*, Hanley. Cat. Rec. Biv. Shells, p. 341, pl. 12, f. 20.
1875. *Mesodesma (Anapa) smithii*, Woodward. Man. Moll., p. 485, pl. 21, f. 17.
1876. *Anapa tasmanica*, T. Woods. P.R.S. Tas., p. 160.
1878. *Anapa tasmanica*, T. Woods. *Id.*, p. 49.
1887. *Mesodesma (Anapa) smithi*, Fischer. Man. d. Conch., p. 1113, pl. 21, f. 17.
1897. *Anapella cuneata*, Tate. T.R.S. S.A. vol. xxi., pt. 1, p. 46.
1901. *Anapella cuneata*, Tate and May. P.L.S. N.S.W., vol. xxvi., pt. 3, p. 424.

Hab.—Coast generally, particularly estuarine localities, Port Fairy to Port Albert.

Obs.—Hanley and other authors give *Mesodesma subtriangulata*, Gray, as a synonym of this species, but the figure given of *Mactra subtriangulata*, by Wood, Index Testaceologicus, Supplement, pl. 1, f. 10, and referred to by Hanley as Gray's species, is not our shell. Tate again quotes *Crassatella cycladea*, Lamarck, as another synonym based on his examination of the Lamarckian type, and he also suggests that *Mulinia pinguis*, Crosse and Fischer, is only the *triquetra* form of the above species.

Family SEMELIDAE.

Genus **Semele**, Schumacher, 1817.

SEMELE EXIGUA, A. Adams.

1861. *Semele exigua*, A. Adams. P.Z.S. Lond., p. 385.
 1865. *Semele exigua*, Angas. *Id.*, p. 647, No. 28.
 1887. *Semele exigua*, Tate. T.R.S. S.A., vol. ix., p. 85,
 pl. 5, f. 5.

Hab.—Cowes, Phillip Island (T. S. Hall).

Family TELLINIDAE.

Genus **Gari**, Schumacher, 1817.

GARI ZONALIS, Lamarck.

1818. *Psammotaea zonalis*, Lamarck. Anim. S. Vert.,
 vol. v., p. 517, No. 2.
 1819. *Psammotaea zonalis*, Lamarck. *Id.* (ed. Desh.)
 vol. vi., p. 182, No. 2.
 1839. *Psammotaea zonalis*, Lamarck. *Id.* (3rd. ed.
 Deshayes and Edwards), vol. ii., p. 561, No. 2.
 1841. *Psammotea zonalis*, Delessert. Recueil de Coq.,
 No. 2, pl. 5, f. 9a, b, c.
 1842. *Psammotaea zonalis*, Hanley. Cat. Rec. Biv.
 Shells, p. 60.
 1854. *Psammobia puella*, Deshayes. P.Z.S. Lond., p. 320.
 1854. *Psammobia striata*, Deshayes. *Id.*, p. 321.
 1854. *Psammobia compta*, Deshayes. *Id.*, p. 321.
 1856. *Psammobia zonalis*, Reeve. Conch. Icon., vol. x.,
 pl. 5, f. 29.
 1856. *Psammobia puella*, Reeve. *Id.*, f. 2.
 1856. *Psammobia compta*, Reeve. *Id.*, f. 24.
 1856. *Psammobia zonalis*, Hanley. Cat. Rec. Biv. Shells,
 p. 346, pl. 11, f. 50, wrongly quoted as f. 52
 in his plate reference.
 1878. *Gari zonalis*, T. Woods. P.R.S. Tas., p. 49.
 1878. *Gari striata*, T. Woods. *Id.*, p. 49.
 1878. *Gari compta*, T. Woods. *Id.*, p. 49.
 1885. *Psammobia zonalis*, E. A. Smith. Chall. Zool.,
 vol. xiii., Lam., p. 94.

1901. *Gari zonalis*, Tate and May. P.L.S. N.S.W., vol. xxvi., pt. 3, p. 425.

Hab.—Hobson's Bay, Frankston, Portsea, Western Port.

Obs.—Mr. E. A. Smith, in the Challenger Report, also includes in the synonymy of the above, *P. tellinaeformis*, Deshayes, and *P. radiata*, Dunker.

Genus **Soletellina**, Blainville, 1824.

SOLETELLINA BIRADIATA, Wood.

1815. *Solen biradiata*, Wood. General Conch., p. 135, pl. 33, f. 1.

1825. *Solen biradiata*, Wood. Index Test., p. 15, No. 26, pl. 3, f. 26.

1828. *Solen lividus*, Wood. *Id.*, Supplement, p. 3, pl. 1, f. 3.

1828. *Sanguinolaria livida*, Wood. *Id.*, Supplement, p. 52.

1857. *Soletellina nymphalis*, Reeve. Conch. Icon., vol. x., pl. 1, f. 2.

1857. *Soletellina epidermia*, Reeve. *Id.*, f. 3.

1857. *Soletellina biradiata*, Reeve. *Id.*, pl. 2, f. 7.

1865. *Hiatula biradiata*, Angas. P.Z.S. Lond., p. 646, No. 19.

1878. *Hiatula epidermia*, T. Woods. P.R.S. Tas., p. 50.

1890. *Hiatula biradiata*, Whitelegge. Jour. Roy. Soc. N.S.W., vol. xxiii., p. 237, No. 60 (p. 75 in list).

1901. *Solenotellina biradiata*, Tate and May. P.L.S. N.S.W., vol. xxvi., pt. 3, p. 425.

Hab.—Common in Port Phillip; Western Port; Portland (Maplestone).

Obs.—The copy of Wood's General Conchology in the Public Library, Melbourne, is distinctly dated 1835 on the title page, but at the end of the advertisement on the succeeding pages it is dated April, 1814. This is evidently a reprint, for volume I., which was all published, appeared in 1815, according to the British Museum Catalogue.

SOLETELLINA DONACOIDES, Reeve.

1857. *Soletellina donacoides*, Reeve. *Conch. Icon.*, vol. x., pl. 3, f. 11.

Hab.—Port Melbourne, St. Kilda, Sandringham, Frankston, Port Phillip; Portland (Maplestone).

Obs.—The type of this species is from South Australia, where the shell is somewhat more inflated than our usual form.

Genus *Tellina*, Linnaeus, 1758.

TELLINA DELTOIDALIS, Lamarck.

1818. *Tellina deltoidalis*, Lamarck. *Anim. S. Vert.*, vol. v., p. 532.

1819. *Tellina deltoidalis*, Lamarck. *Id.*, ed. Desh., vol. vi., p. 206.

1839. *Tellina deltoidalis*, Lamarck. *Id.* (3rd ed. Deshayes and Edwards), vol. ii., p. 569, No. 49.

1841. *Tellina deltoidalis*, Delessert. *Recueil de Coq.*, No. 49, pl. 6, f. 7*a*, *b*.

1842. *Tellina deltoidalis*, Hanley. *Cat. Rec. Biv. Shells*, p. 70.

1856. *Tellina deltoidalis*, Hanley. *Id.*, p. 347, pl. 13, f. 3.

1865. *Tellinella deltoidalis*, Angas. *P.Z.S. Lond.*, p. 646, No. 23.

1866. *Tellina deltoidalis*, Reeve. *Conch. Icon.*, vol. xvii., pl. 7, f. 29*a*, *b*.

1880. *Tellina deltoidalis*, Hutton. *Man. N.Z. Moll.*, p. 143.

1901. *Tellina* (*Tellinella*) *deltoidalis*, Tate and May. *P.L.S. N.S.W.*, vol. xxvi., pt. 3, p. 425.

Hab.—Common in Port Phillip and Western Port.

Obs.—Deshayes gives *T. lactaea*, Quoy and Gaimard, as a synonym of this species. *Tellina australis*, Deshayes, as described and figured by Reeve, *Conch. Icon.*, vol. xvii., pl. 50, f. 297, from East Australia, appears to us to bear a strong resemblance to the above species.

TELLINA DIEMENENSIS, Deshayes.

1854. *Tellina diemenensis*, Deshayes. P.Z.S. Lond., p. 361.
 1869. *Tellina diemenensis*, Reeve. Conch. Icon., vol. xvii., pl. 56, f. 333.
 1901. *Tellina* (*Tellinella*) *diemenensis*, Tate and May. P.L.S. N.S.W., vol. xxvi., pt. 3, p. 425.

Hab.—Portarlington, Point Henry, Geelong.

Obs.—This form may be only an extreme variation of *T. deltoidalis*, but may usually be separated from it by its smaller size, trigonal shape, and porcellaneous character.

TELLINA ALBINELLA, Lamarck.

1818. *Tellina albinella*, Lamarck. Anim. S. Vert., vol. v., p. 524.
 1819. *Tellina albinella*, Lamarck. *Id.* (ed. Desh.), vol. vi., p. 194.
 1839. *Tellina albinella*, Lamarck. *Id.* (3rd ed. Deshayes and Edwards), vol. ii., p. 565, No. 17.
 1842. *Tellina albinella*, Hanley. Cat. Rec. Biv. Shells, p. 63.
 1856. *Tellina albinella*, Hanley. *Id.*, p. 347, pl. 14, f. 3.
 1865. *Peronacoderma albinella*, Angas. P.Z.S. Lond., p. 646, No. 24.
 1866. *Tellina albinella*, Reeve. Conch. Icon., vol. xvii., pl. 4, f. 15.
 1867. **Tellina albinella*, Reeve (var. *rosea*). *Id.*, pl. 21, f. 15*b*.
 1901. *Tellina* (*Peronaea*) *albinella*, Tate and May. P.L.S. N.S.W., vol. xxvi., pt. 3, p. 426.

Hab.—Port Albert; Portland (Maplestone); Sorrento.

TELLINA TENUILIRATA, Sowerby.

1867. *Tellina tenuilirata*, Sowerby, in Reeve. Conch. Icon., vol. xvii., pl. 39, f. 219*a*, *b*.
 1867. *Tellina tenuilirata*, Angas. P.Z.S. Lond., p. 919.
 1885. *Tellina tenuilirata*, E. A. Smith. Chall. Zool., vol. xiii., Lam., p. 106.

1890. *Tellina tenuilirata*, Whitelegge. *Jour. Roy. Soc. N.S.W.*, vol. xxiii., p. 238, No. 67 (p. 76 in list).

Hab.—Frankston, Port Phillip.

TELLINA ENSIFORMIS, Sowerby.

1868. *Tellina ensiformis*, Sowerby, in Reeve. *Conch. Icon.*, vol. xvii., pl. 49, f. 289.

Hab.—San Remo (Mrs. Kenyon).

TELLINA RUDOLPHII, Brazier.

1898. *Tellina* (*Strigilla*) *rudolphii*, Brazier. *P.L.S. N.S.W.*, vol. xxiii., pt. 2, p. 272.

Hab.—San Remo (Mrs. Kenyon).

Obs.—We have not yet met with either this or the foregoing species from our shores, but the specimens in Mrs. Kenyon's possession are undoubtedly good species.

TELLINA DECUSSATA, Wood.

1815. *Tellina decussata*, Wood. *General Conch.*, p. 190, pl. 43, f. 2, 3.

1818. *Tellina decussata*, Lamarck. *Anim. S. Vert.*, vol. v., p. 532.

1819. *Tellina decussata*, Lamarck. *Id.* (ed. Desh.), vol. vi., p. 205.

1825. *Tellina decussata*, Wood. *Index Test.*, p. 22, pl. 4, f. 81 (bad figure, might be ours).

1839. *Tellina decussata*, Lamarck. *Id.* (3rd ed. Deshayes and Edwards), vol. ii., p. 568, No. 45.

1842. *Tellina decussata*, Hanley. *Cat. Rec. Biv. Shells*, p. 70.

1846. *Tellina decussata*, Sowerby. *Thes. Conch.*, vol. i., p. 262, No. 74, pl. 60 in text, pl. 62 on plate, f. 184.

Tellina decussata, Roemer. *Mon. Tellina*, pl. 23, f. 1-3.

1865. *Arcopagia decussata*, Angas. *P.Z.S. Lond.*, p. 647, No. 26.

1866. *Tellina decussata*, Reeve. *Conch. Icon.*, vol. xvii., pl. 17, f. 88.

1878. *Tellina* (*Arcopagia*) *decussata*, T. Woods. P.R.S. Tas., p. 49.

1901. *Tellina* (*Pseudoarcopagia*) *decussata*, Tate and May. P.L.S. N.S.W., vol. xxvi., pt. 3, p. 426.

Hab.—Common in Port Phillip, also Western Port, Anderson's Inlet and Kilcunda (W. H. Ferguson).

TELLINA, n. sp.

Hab.—Rye to Portsea, Port Phillip.

Obs.—This form is something of the *T. albinella* type, but is much more robust, more strongly convex, and sculptured.

Genus *Macoma*, Leach, 1819.

MACOMA MARIAE, T. Woods.

1876. *Tellina mariae*, T. Woods. P.R.S. Tas., p. 162.

1901. *Macoma mariae*, Tate and May. P.L.S. N.S.W., vol. xxvi., pt. 3, p. 426.

Hab.—Port Phillip, common from Portarlington to Geelong; Western Port.

Obs.—Tate and May in dealing with this species include *M. rudis*, Bertin, Archives, Mus. Nat. Hist., 1878, p. 335, pl. 9, f. 2, as a synonym, and give Port Phillip as the locality of the type; we have not seen this work, and have, therefore, been unable to confirm this point.

Family DONACIDAE.

GENUS *Donax*, Linnaeus, 1758.

DONAX DELTOIDES, Lamarck.

1819. *Donax deltoides*, Lamarck. Anim. S. Vert. (ed. Desh.), vol. vi., p. 241.

1819. *Donax epidermia*, Lamarck. *Id.*, p. 243.

1839. *Donax deltoides*, Lamarck. *Id.* (3rd ed. Deshayes and Edwards), vol. ii., p. 579, No. 5.

1839. *Donax epidermia*, Lamarck. *Id.*, p. 580, No. 12.

1842. *Donax deltoides*, Hanley. Cat. Rec. Biv. Shells, p. 80.

1842. *Donax epidermia*, Hanley. *Id.*, p. 80.

1854. *Donax deltoides*, Reeve. Conch. Icon., vol. viii., pl. 1, f. 4a, 4b.

1856. *Donax deltoides*, Hanley. *Cat. Rec. Biv. Shells*, p. 349, pl. 14, f. 23.
1865. *Latona epidermia*, Angas. *P.Z.S.*, Lond., p. 647, No. 27.
1866. *Donax deltoides*, Sowerby. *Thes. Conch.*, vol. iii., p. 310, No. 37, pl. 283, f. 100, 101.

Hab.—C. Bridgewater; Apollo Bay; Airey's Inlet; Kilcunda and Anderson's Inlet (W. H. Ferguson); Port Albert.

DONAX CARDIOIDES, Lamarck.

1818. *Donax cardioides*, Lamarck. *Anim. S. Vert.*, vol. v., p. 550, No. 21.
1835. *Donax cardioides*, Quoy and Gaimard. *Astrolabe Zool.*, vol. iii., p. 495, pl. 81, f. 17-19.
1839. *Donax cardioides*, Lamarck. *Anim. S. Vert.* (3rd ed. Deshayes and Edwards), vol. ii., p. 581, No. 21.
1841. *Donax cardioides*, Delessert. *Recueil de Coq.*, pl. 6, f. 14*a*, *b*, *c*, No. 21.
1842. *Donax cardioides*, Hanley. *Cat. Rec. Biv. Shells*, p. 82.
1856. *Donax cardioides*, Hanley. *Id.*, p. 349, pl. 13, f. 9.

Hab.—Portsea; San Remo; Shoreham; Cowes, Phillip Island (T. S. Hall); Kilcunda and Anderson's Inlet (W. H. Ferguson).

Family **PETRICOLIDAE**.

Genus **Venerupis**, Lamarck, 1818.

VENERUPIS EXOTICA, Lamarck.

1819. *Venerupis exotica*, Lamarck. *Anim. S. Vert.* (ed. Desh.), vol. vi., p. 162, No. 4.
1819. *Venerupis carditoides*, Lamarck. *Id.*, p. 164, No. 7.
1839. *Venerupis exotica*, Lamarck. *Id.* (3rd ed. Deshayes and Edwards), vol. ii., p. 556, No. 4.
1839. *Venerupis carditoides*, Lamarck. *Id.*, p. 556, No. 7.
1841. *Venerupis carditoides*, Delessert. *Recueil de Coq.*, No. 7, pl. 5, f. 3*a*, *b*, *c*, *d*.

1842. *Venerupis exotica*, Hanley. Cat. Rec. Biv. Shells, p. 54.
1842. *Venerupis carditoides*, Hanley. *Id.*, p. 55.
1854. *Venerupis exotica*, Sowerby. Thes. Conch., vol. ii., p. 764, pl. 164, f. 7.
1854. *Venerupis carditoides*, Sowerby. *Id.*, f. 4.
1856. *Venerupis exotica*, Hanley. Cat. Rec. Biv. Shells, p. 346, pl. 9, f. 29.
1874. *Venerupis exotica*, Reeve. Conch. Icon., vol. xix., pl. 2, f. 11.
1874. *Venerupis carditoides*, Reeve. *Id.*, pl. 1, f. 5.
1875. *Venerupis exotica*, Woodward. Man. Moll., p. 476, pl. 20, f. 15.
1887. *Venerupis exotica*, Fischer. Man. de Conch., p. 1087, pl. 20, f. 15.

Hab.—Port Phillip and Western Port, commoner in the latter. Portland. Puebla Coast.

Obs.—Judging from the description in Lamarck, we think it is very probable that *V. distans*, No. 5, is only a slight variation of the above, and perhaps ought to be regarded as a synonym. We do not agree with the treatment of various authors, indicating two distinct species for these forms.

VENERUPIS CRENATA, Lamarck.

1818. *Venerupis crenata*, Lamarck. Anim. S. Vert., vol. v., p. 508.
1819. *Venerupis crenata*, Lamarck. *Id.* (ed. Desh.), vol. vi., p. 164, No. 6.
1839. *Venerupis crenata*, Lamarck. *Id.* (3rd ed. Deshayes and Edwards), vol. ii., p. 556, No. 6.
1841. *Venerupis crenata*, Delessert. Recueil de Coq., No. 6, pl. 5, f. 2*a*, *b*, *c*.
1842. *Venerupis crenata*, Hanley. Cat. Rec. Biv. Shells, p. 55.
1854. *Venerupis crenata*, Sowerby. Thes. Conch., vol. ii., pl. 164, f. 18, 19.
1856. *Venerupis crenata*, Hanley. Cat. Rec. Biv. Shells, p. 346, pl. 12, f. 58.

1865. *Rupellaria crenata*, Angas. P.Z.S. Lond., p. 650, No. 49.

1874. *Venerupis crenata*, Reeve. Conch. Icon., vol. xix., pl. 1, f. 3.

Hab.—Common Corio Bay; Portarlington; Western Port.

Obs.—Our shell agrees well with Delessert's figure, but the figures given by Reeve and Hanley are not typical, and would hardly be readily recognised as our species, but the New South Wales forms agree more closely.

VENERUPIS MITIS, Deshayes.

1853. *Venerupis mitis*, Deshayes. P.Z.S. Lond., p. 5, No. 20.

1874. *Venerupis mitis*, Reeve. Conch. Icon., vol. xix., pl. 4, f. 24.

Hab.—Corio Bay.

VENERUPIS CUMINGII, Deshayes.

1853. *Venerupis cumingii*, Deshayes. P.Z.S. Lond., p. 4, No. 13, pl. 18, f. 3.

1865. *Rupellaria cumingi*, Angas. P.Z.S. Lond., p. 650, No. 50.

1874. *Venerupis cumingii*, Reeve. Conch. Icon., vol. xix., No. 18, pl. 3, f. 18.

Hab.—Western Port, Flinders.

VENERUPIS, sp.

Hab.—Portarlington.

Obs.—As yet an unidentified species, comparable in some respects to *V. obesa*, Deshayes, but apparently distinct.

Choristodon, Jonas, 1844.

CHORISTODON LAPICIDUM, Chemnitz.

Venus lapicida, Chemnitz. Hist. Conch., pl. 172, f. 1664, 1665.

Venus divergens, Chemnitz. *Id.*, f. 1666, 1667.

1819. *Petricola lucinalis*, Lamarck. Anim. S. Vert. (2nd ed. Desh.), vol. vi., p. 157.

1825. *Venus lapicida*, Wood. Index Test., p. 37, pl. 8, f. 72.

1825. *Venus divergens*, Wood. *Id.*, f. 73.
 1832. *Petricola lucinalis*, Hanley. *Cat. Rec. Biv. Shells*,
 p. 52.
 1832. *Petricola divergens*, Hanley. *Id.*, p. 52.
 1832. *Petricola lapicida*, Hanley. *Id.*, p. 53.
 1884. *Choristodon divaricatum*, Tryon. *Struct. and*
Syst. Conch., vol. iii., p. 175, pl. 112, f. 95
 (given as f. 94 in text).
 1887. *Naranio divaricata*, Tate. *T.R.S. S.A.*, vol. ix., p.
 89.
 1897. *Choristodon lapicidum*, Tate. *Id.*, vol. xxi., pt. i.,
 p. 46.
 Hab.—San Remo (Mrs. Kenyon).

Family VENERIDÆ.

Genus *Chione*, Megerle, 1811.

CHIONE DISJECTA, Perry.

1811. *Venus disjecta*, Perry. *Conch.*, pl. 58, f. 3.
 1818. *Venus lamellata*, Lamarck. *Anim. S. Vert.*, vol.
 v., p. 592, No. 28.
 1819. *Venus lamellata*, Lamarck. *Id.*, vol. vi. (ed.
 Desh.), p. 349, No. 28.
 1825. *Venus lamellata*, Wood. *Index Test.*, p. 5, pl. 2,
 f. 1.
 1839. *Venus lamellata*, Lamarck. *Anim. S. Vert.* (3rd
 ed. Deshayes and Edwards), vol. ii., p. 611,
 No. 28.
 1841. *Venus lamellata*, Delessert. *Recueil de Coq.*, No.
 28, pl. 10, f. 6*a*, *b*, *c*.
 1842. *Venus lamellata*, Hanley. *Cat. Rec. Biv. Shells*,
 p. 119.
 1853. *Venus lamellata*, Sowerby. *Thes. Conch.*, vol. ii.,
 p. 725, pl. 160, f. 175.
 1863. *Venus lamellata*, Reeve. *Conch. Icon.*, vol. xiv.,
 pl. 18, f. 78.
 1865. *Chione* (*Circumphalus*) *lamellata*, Angas. *P.Z.S.*
Lond., p. 648. No. 35.

1869. *Venus lamellata*, Pfeiffer. *Conch. Cab.*, vol. xi.,
p. 205, No. 61, pl. 33, f. 5, 6, 10, 11, 12.

1878. *Venus (Chione) lamellata*, T. Woods. *P.R.S. Tas.*,
p. 51.

1902. *Chione disjecta*, Gatliff. *V.N.*, vol. xix., p. 76.

Hab.—Port Phillip; Western Port; Portland (Maplestone).

Obs.—We regret that it has been found necessary to change the well-known name of this species, the older name having been re-discovered by Mr. Gatliff, and almost at the same time by Mr. Hedley, the latter's publication being the first to appear.

CHIONE FUMIGATA, Sowerby.

1853. *Tapes fumigata*, Sowerby. *Thes. Conch.*, vol. ii.,
p. 737, No. 102, pl. 159, f. 152-155.

1853. *Venus laevigata*, Sowerby. *Id.*, vol. ii., p. 738,
No. 103, pl. 159, f. 156-158.

1864. *Tapes faba*, Reeve. *Conch. Icon.*, vol. xiv., pl. 8,
f. 39.

1878. *Venus (Chione) laevigata*, T. Woods. *P.R.S. Tas.*,
p. 51.

1878. *Venus (Chione) fumigata*, T. Woods. *Id.*, p. 51.

1878. *Chione (Marcia) laevigata*, Angas. *P.Z.S. Lond.*,
p. 870.

1900. *Chione fumigata* (var. *laevigata*) Lodder. *P.R.S.*
Tas., p. 17 (in reprint), No. 634.

1901. *Chione laevigata*, Tate and May. *P.L.S. N.S.W.*,
vol. xxvi., pt. 3, p. 427.

Hab.—Common in Port Phillip; Portland (Maplestone).

CHIONE GALLINULA, Lamarck.

1818. *Venus gallinula*, Lamarck. *Anim. S. Vert.*, vol.
v., p. 592, No. 25.

1819. *Venus gallinula*, Lamarck. *Id.* (ed. Desh.), vol.
vi., p. 348, No. 25.

1828. *Venus costulata*, Wood. *Index Test. Sup.*, p. 5,
pl. 2, f. 15.

1839. *Venus gallinula*, Lamarck. *Anim. S. Vert.* (3rd
ed. Deshayes and Edwards), vol. ii., p. 611,
No. 25.

1841. *Venus gallinula*, Delessert. *Recueil de Coq.*, No. 25, pl. 10, f. 1a, b, c.
1842. *Venus gallinula*, Hanley. *Cat. Rec. Biv. Shells*, p. 119.
1853. *Venus gallinula*, Sowerby. *Thes. Conch.*, vol. ii., p. 730, No. 79, pl. 162, f. 225, 226.
1863. *Venus gallinula*, Reeve. *Conch. Icon.*, vol. xiv., pl. 22, f. 106.
1864. *Venus tasmanica*, Reeve. *Id.*, pl. 24, f. 121.
1878. *Venus (Chione) gallinula*, T. Woods. *P.R.S. Tas.*, p. 51.
1897. *Chione gallinula*, Tate. *T.R.S. S.A.* vol. xxi., pt. 1, p. 47.
1902. *Chione gallinula*, Hedley. *Mem. Austr. Mus.*, vol. iv., pt. 5, p. 323.

Hab.—Portsea, Port Phillip; Anderson's Inlet (W. H. Ferguson).

Obs.—We think that Mr. Hedley is probably correct in including *V. coelata*, Menke, as a synonym of this species, though Menke appears to have only had a young specimen.

Hanley indicates that on the authority of Deshayes, *V. lagopus*, Lamarck, and *V. gallinula*, Lamarck, are identical, and the habitat of each is given as New Holland. The former of these two species is numbered 23 in Lamarck and the latter 25, but as the description of *V. lagopus* is more exactly that of *V. australis*, Sowerby, we think that an examination of the types will show that it is the same as Sowerby's species. We do not agree with Tate and May in including *V. tasmanica*, Reeve, as a synonym of *V. australis*, Sowerby, but include it as above.

CHIONE LAGOPUS, Lamarck.

1818. *Venus lagopus*, Lamarck. *Anim. S. Vert.*, vol. v., p. 591, No. 23.
1819. *Venus lagopus*, Lamarck. *Id.* (ed. Desh.), vol. vi., p. 347, No. 23.
1835. *Venus australis*, Sowerby (non Gmelin). *P.Z.S. Lond.*, p. 22.
1839. *Venus lagopus*, Lamarck. *Anim. S. Vert.* (3rd ed. Deshayes and Edwards), vol. ii., p. 610, No. 23.

1842. *Venus australis*, Hanley. *Cat. Rec. Biv. Shells*,
p. 118.
1842. *Venus lagopus*, Hanley. *Id.*, p. 115.
1843. *Venus lagopus*, Menke. *Moll. Nov. Holl.*, p. 43,
No. 249.
1853. *Venus australis*, Sowerby. *Thes. Conch.*, vol. ii.,
p. 719, No. 48.
1856. *Venus australis*, Hanley. *Cat. Rec. Biv. Shells*,
p. 358, pl. 15, f. 48.
1863. *Venus australis*, Reeve. *Conch. Icon.*, vol. xiv.,
pl. 22, f. 107*a*, *b*.
1865. *Chione* (*Timoclea*) *australis*, Angas. *P.Z.S. Lond.*,
p. 648, No. 38.
1869. *Venus australis*, Pfeiffer. *Conch. Cab.*, vol. xi., p.
219, No. 73, pl. 36, f. 4, 5.
1878. *Venus* (*Chione*) *australis*, T. Woods. *P.R.S. Tas.*,
p. 51.
1885. *Venus* (*Leukoma*) *australis*, E. A. Smith. *Chall.*
Zool., vol. xiii., *Lam.*, p. 131.
1897. *Chione australis*, Tate. *T.R.S. S.A.*, vol. xxi., pt.
1, p. 47.
1901. *Chione australis*, Tate and May. *P.L.S. N.S.W.*,
vol. xxvi., pt. 3, p. 427.
1903. *Chione lagopus*, Hedley. *P.L.S. N.S.W.*, vol.
xxvii., pt. 4, p. 596.

Hab.—Portsea, Port Phillip; Western Port; San Remo.

CHIONE CARDIOIDES, Lamarck.

1818. *Erycina cardioides*, Lamarck. *Anim. S. Vert.*,
vol. v., p. 486 (non *Venus cardioides*, Lamarck,
p. 590).
1839. *Erycina cardioides*, Lamarck. *Id.* (3rd ed. Des-
hayes and Edwards), vol. ii., p. 541, No. 1.
1841. *Erycina cardioides*, Delessert. *Recueil de Coq.*,
pl. 4, f. 7*a*, *b*, *c*.
1842. *Erycina cardioides*, Hanley. *Cat. Rec. Biv. Shells*,
p. 40.
1853. *Venus striatissima*, Sowerby. *Thes. Conch.*, vol.
ii., p. 718, pl. 157, f. 103-105.

1864. *Venus striatissima*, Reeve. *Conch. Icon.*, vol. xiv.,
pl. 26, f. 135.
1878. *Venus (Chione) striatissima*, T. Woods. *P.R.S.*
Tas., p. 51.
1885. *Venus (Chione) striatissima*, E. A. Smith. *Chall.*
Zool., vol. xiii., *Lam.*, p. 124.
1902. *Chione striatissima*, Hedley. *Mem. Austr. Mus.*,
vol. iv., pt. 5, p. 323.

Hab.—St. Kilda, Sandringham, Frankston, Portsea, Port Phillip; Western Port; off East Moncoeur Island, Bass Strait (Challenger).

Obs.—Hanley, in the reference given above, states that he has seen Lamarck's own specimen, and that it does not belong to *Erycina*, but is "more like an aberrant *Venus*." The uniting of *striatissima* and *cardioides* had been decided upon by us from an examination of Delessert's work, but we think it is clear that *cardioides*, Lamarck, is the name which should stand for this species, and that the shell which requires a change of name is that subsequently described by Lamarck as *Venus cardioides*, if it should prove to be a *Chione*.

CHIONE STRIGOSA, Lamarck.

1818. *Venus strigosa*, Lamarck. *Anim. S. Vert.*, vol. v.,
p. 605, No. 79.
1819. *Venus strigosa*, Lamarck. *Id.* (ed. Desh.), vol. vi.,
p. 368.
1839. *Venus strigosa*, Lamarck. *Id.* (3rd ed. Deshayes
and Edwards), vol. ii., p. 617, No. 79.
1853. *Venus strigosa*, Sowerby. *Thes. Conch.*, vol. ii.,
p. 736, No. 99, pl. 162, f. 222, 223.
1863. *Venus strigosa*, Reeve. *Conch. Icon.*, vol. xiv., pl.
20, f. 96a.
1878. *Tapes victoriae*, T. Woods. *T.R.S. Vic.*, vol. xiv.,
p. 60.
1903. *Chione strigosa*, Pritchard and Gatliff. *P.R.S.*
Vic., vol. xvi., n.s., pt. 1, p. 94, pl. 15, f. 4, 5,
6.

Hab.—Coast generally, very common.

Obs.—The type of *Tapes victoriae*, T. Woods, is from Hobson's Bay, and is in the National Museum, Melbourne, and is undoubtedly a form of the above.

CHIONE SCALARINA, Lamarck.

1818. *Venus scalarina*, Lamarck. *Anim. S. Vert.*, vol. v., p. 599, No. 54.
 1819. *Venus scalarina*, Lamarck. *Anim. S. Vert.* (ed. Desh.), vol. vi., p. 359, No. 54.
 1839. *Venus scalarina*, Lamarck. *Id.* (3rd ed. Deshayes and Edwards), vol. ii., p. 614, No. 54.
 1841. *Venus scalarina*, Delessert. *Recueil de Coq.*, No. 54, pl. 10, f. 12*a*, *b*, *c*.
 1842. *Venus scalarina*, Hanley. *Cat. Rec. Biv. Shells*, p. 123.
 1843. *Venus scalarina*, Menke. *Moll. Nov. Holl.*, p. 44, No. 254.
 1853. *Venus scalarina*, Sowerby. *Thes. Conch.*, vol. ii., p. 736, No. 96, pl. 162, f. 220.
 1856. *Venus scalarina*, Hanley. *Cat. Rec. Biv. Shells*, p. 358, pl. 16, f. 4.
 1863. *Venus aphrodinoides*, Reeve (non Lamarck). *Conch. Icon.*, vol. xiv., pl. 17, f. 73.
 1869. *Venus scalarina*, Pfeiffer. *Conch. Icon.*, vol. xi., p. 212, pl. 34, f. 8-10.
 1903. *Chione scalarina*, Pritchard and Gatliff. *P.R.S. Vic.*, vol. xvi., n.s., pt. 1, p. 94, pl. 15, f. 7. 8.

Hab.—Coast generally.

CHIONE PERONII, Lamarck.

1818. *Venus peronii*, Lamarck. *Anim. S. Vert.*, vol. v., p. 606, No. 81.
 1819. *Venus peronii*, Lamarck. *Id.* (ed. Desh.), vol. vi., p. 369, No. 81.
 1839. *Venus peronii*, Lamarck. *Id.* (3rd ed. Deshayes and Edwards), vol. ii., p. 617, No. 81.
 1853. *Venus peronii*, Sowerby. *Thes. Conch.*, vol. ii., p. 736, No. 97, pl. 162, f. 224.
 1863. *Venus peronii*, Reeve. *Conch. Icon.*, vol. xiv., pl. 20, f. 93.

1903. *Chione peronii*, Pritchard and Gatliff. P.R.S. Vic.,
vol. xvi., pt. 1, p. 94, pl. 15, f. 9, 10.

Hab.—Coast generally.

Obs.—Our reasons for limiting the references to the three foregoing species are fully set forth in the paper immediately preceding this part of the Catalogue.

CHIONE PLACIDA, Philippi.

1844. *Venus placida*, Philippi. *Abbild. Besch.*, vol. i.,
p. 128, pl. 2, f. 2.
1844. *Venus roborata*, Hanley. P.Z.S. Lond., p. 161.
1853. *Venus roborata*, Sowerby. *Thes. Conch.*, vol. ii.,
p. 723, No. 60, pl. 157, f. 116-118.
1856. *Venus roborata*, Hanley. *Cat. Rec. Biv. Shells*,
p. 361, pl. 16, f. 25.
1863. *Venus roborata*, Reeve. *Conch. Icon.*, vol. xiv.,
pl. 23, f. 113.
1869. *Venus roborata*, Pfeiffer. *Conch. Cab.*, vol. xi.,
pp. 238, 239, No. 93, pl. 41, f. 3-5.
1878. *Venus (Chione) roborata*, T. Woods. P.R.S. Tas.,
p. 51.
1902. *Chione placida*, Hedley. *Mem. Austr. Mus.*, vol.
iv., pt. 5, p. 322.

Hab.—Portsea, Port Phillip; San Remo; Port Albert (T. Worcester).

Obs.—In the last reference, Mr. Hedley shows that, according to date of publication, priority falls to Philippi's name. Pfeiffer, in the *Conchylien Cabinet*, and others, give *V. placida* as a synonym of *V. roborata*, and do not appear satisfied that Philippi's name has priority.

CHIONE UNDULOSA, Lamarck.

1818. *Venus undulosa*, Lamarck. *Anim. S. Vert.*, vol.
v., p. 606, No. 85.
1819. *Venus undulosa*, Lamarck. *Id.* (ed. Desh.), vol.
vi., p. 370, No. 85.
1835. *Venus variabilis*, Sowerby. P.Z.S. Lond., p. 42.
1839. *Venus undulosa*, Lamarck. *Anim. S. Vert.* (3rd
ed. Deshayes and Edwards), vol. ii., p. 617,
No. 85.

1842. *Venus undulosa*, Hanley. *Cat. Rec. Biv. Shells*,
p. 126.
1843. *Venus undulosa*, Philippi. *Abbild. Besch.*, vol. i.,
p. 39, pl. i., f. 1.
1853. *Venus undulosa* Sowerby. *Thes. Conch.*, vol. ii.,
p. 738, No. 107, pl. 158, f. 142-146.
1856. *Venus undulosa*, Hanley. *Cat. Rec. Biv. Shells*,
p. 358, pl. 15, f. 49.
1864. *Venus undulosa*, Reeve. *Conch. Icon.*, vol. xiv.,
pl. 24, f. 117, and pl. 25, f. 126.
1878. *Tivela undulosa*, Angas. *P.Z.S. Lond.*, p. 870, No.
63.
1884. *Venus (Marcia) undulosa*, Tryon. *Struct. and*
Syst. Conch., vol. iii., p. 177, pl. 113, f. 18.
1885. *Venus (Gomphina) undulosa*, E. A. Smith. *Chall.*
Zool., vol. xiii., Lam., p. 132.

Hab.—Portsea, Port Phillip; San Remo; dredged alive off
Balnarring, Western Port; Kileunda and Cape Paterson to
Anderson's Inlet (W. H. Ferguson); Airey's Inlet; Apollo Bay
to Blanket Bay.

Genus *Meretrix*, Lamarck, 1799.

MERETRIX DISRUPTA, Sowerby.

1853. *Cytherea disrupta*, Sowerby. *Thes. Conch.*, vol. ii.,
p. 743, pl. 163, f. 208, 209.
1885. *Cytherea (Callista) disrupta*, E. A. Smith. *Chall.*
Zool., vol. xiii., Lam., p. 135, pl. 1, f. 4-4e.

Hab.—Port Phillip Heads.

Obs.—We agree with Mr. Hedley in regarding this as distinct
from *M. planatella*, though very closely related.

MERETRIX PLANATELLA, Lamarck.

1818. *Cytherea planatella*, Lamarck. *Anim. S. Vert.*,
vol. v., p. 565, No. 19.
1819. *Cytherea planatella*, Lamarck. *Id.* (ed. Desh.),
vol. vi., p. 305, No. 19.
1835. *Venus nitida*, Quoy and Gaimard. *Astrolabe*
Zool., vol. iii., p. 529, pl. 84, f. 13, 14.

1839. *Cytherea planatella*, Lamarck. *Anim. S. Vert.* (3rd ed. Deshayes and Edwards), vol. ii., p. 599, No. 19.
1844. *Cytherea diemenensis*, Hanley. *P.Z.S. Lond.*, p. 110.
1845. *Cytherea planatella*, Philippi. *Abbild. Besch.*, vol. i., p. 199, pl. 3, f. 6.
1851. *Cytherea planatella*, Sowerby. *Thes. Conch.*, vol. ii., p. 786.
1851. *Cytherea innocens*, Sowerby. *Id.*, vol. ii., p. 743, sp. 118, pl. 163, f. 210.
1869. *Callista planatella*, Römer. *Mon. Venus*, p. 65, No. 21, pl. 19, f. 2.
1878. *Callista diemanensis*, T. Woods. *P.R.S. Tas.*, p. 51.
1901. *Meretrix planatella*, Tate and May. *P.L.S. N.S.W.*, vol. xxvi., pt. 3, p. 428.
1902. *Meretrix planatella*, Hedley. *Mem. Austr. Mus.*, vol. iv., pt. 5, p. 323.

Hab.—San Remo.

Obs.—We think *Venus nitida*, Quoy and Gaimard, a very doubtful inclusion with the above.

MERETRIX PAUCILAMELLATA, Dunker.

1858. *Mercenaria paucilamellata*, Dunker. *Novit. Conch.*, p. 52, pl. 16, f. 10-12.
1863. *Cytherea alatus*, Reeve. *Conch. Icon.*, vol. xiv., pl. 18, f. 83.
1876. *Callista victoriae*, T. Woods. *P.R.S. Tas.*, p. 159.
1880. *Mercenaria paucilamellata*, Brazier. *P.L.S. N.S.W.*, vol. v., p. 486, No. 9.
1885. *Venus (Chione) jacksoni*, E. A. Smith. *Chall. Zool.*, vol. xiii., Lam., p. 123, pl. 3, f. 2-2e.
1897. *Meretrix alatus*, Tate. *T.R.S. S.A.*, vol. xxi., pt. 1, pp. 47, 48.

Hab.—Portland ; Otway Coast ; Port Albert (T. Worcester).

MERETRIX KINGII, Gray.

1827. *Cytherea kingii*, Gray, in King's Survey of Australia, vol. ii., p. 474.

1828. *Venus kingii*, Wood. Index Test., Sup. p. 5, sp. 9, pl. 2, f. 9.
1838. *Cytherea lamarekii*, Gray. Analyst, vol. viii., p. 308.
1842. *Cytherea kingii*, Hanley. Cat. Rec. Biv. Shells, p. 106.
1842. *Cytherea lamarkii*, Hanley. *Id.*, p. 103.
1851. *Cytherea kingii*, Sowerby. Thes. Conch., vol. ii., p. 638, sp. 92, pl. 133, f. 129, 130.
1851. *Cytherea lamarekii*, Sowerby. *Id.*, p. 785, f. 129.
1851. *Cytherea rutila*, Sowerby. *Id.*, p. 743, sp. 116, pl. 163, f. 205.
1853. *Dione kingii*, Deshayes. B. M. Cat., pt. 1, p. 69, No. 42.
1853. *Dione rutila*, Deshayes. *Id.*, p. 58, No. 7.
1853. *Dione lamarekii*, Deshayes. *Id.*, p. 69, No. 45.
1863. *Dione rutila*, Reeve. Conch. Icon., vol. xiv., pl. 5, f. 18.
1863. *Dione kingii*, Reeve. *Id.*, pl. 9, f. 36*b*.
1869. *Cytherea (Callista) rutila*, Römer. Mon. Venus, vol. i., p. 51, No. 6.
1869. *Cytherea (Caryatis) kingii*, Römer. *Id.*, p. 69, pl. 26, f. 1.
1869. *Cytherea (Caryatis) lamarekii*, Römer. *Id.*, p. 97, No. 20, pl. 26, f. 2 on plate.
1885. *Cytherea (Callista) rutila*, E. A. Smith. Chall. Zool., vol. xiii., Lam., p. 133.
1895. *Cytherea kingii*, Cox. Observations on a *Cytherea* found in Bass Straits. Printed in Sydney.
1900. *Cytherea lamarekii*, Hedley. P.L.S. N.S.W., vol. xxv., pt. 3, p. 498.

Hab.—Common in Port Phillip, dredged alive off Brighton, 4 to 5 fathoms; Western Port; off East Moncoeur Island, Bass Strait (Challenger).

Genus *Circe*, Schumacher, 1817.

CIRCE PYTHINOIDES, T. Woods.

1878. *Circe pythinoides*, T. Woods. T.R.S. Vic., vol. xiv., p. 60.

Hab.—Port Phillip Heads.

Obs.—The type of this species is in the National Museum, Melbourne, but we have not yet critically compared this with other Australian species.

Genus *Sunetta*, Link, 1807.

SUNETTA EXCAVATA, Hanley.

1842. *Cytherea excavata*, Hanley. P.Z.S. Lond., p. 123.
 1842. *Cytherea excavata*, Hanley. Cat. Rec. Biv. Shells,
 p. 109.
 1843. *Cytherea vaginalis*, Menke. Moll. Nov. Holl., p.
 42, No. 246.
 ? 1847. *Cytherea vaginalis*, Philippi. Abbild. Besch., vol.
 iii., p. 96, pl. 3, f. 2.
 1851. *Meroe excavata*, Sowerby. Thes. Conch., vol. ii.,
 p. 610, No. 5, pl. 126, f. 13, 14.
 1856. *Cytherea excavata*, Hanley. Cat. Rec. Biv. Shells,
 p. 354, pl. 15, f. 19.
 1863. *Sunetta aliciae*, Adams and Angas. P.Z.S. Lond.,
 p. 425, pl. 37, f. 18.
 1864. *Meroe vaginalis*, Reeve. Conch. Icon., vol. xiv.,
 pl. iii., f. 7.
 1864. *Meroe aliciae*, Reeve. *Id.*, pl. 3, f. 8.
 1864. *Meroe excavata*, Reeve. *Id.*, pl. 3, f. 11*a*, *b*.
 1865. *Sunetta aliciae*, Angas. P.Z.S. Lond., p. 649, No.
 45.
 1869. *Sunetta aliciae*, Römer. Mon. Venus, p. 13, No.
 9, pl. 4, f. 1.
 1869. *Sunetta excavata*, Römer. *Id.*, p. 12, pl. 3, f. 3.
 1881. *Cuneus vaginalis*, Tate. P.L.S. N.S.W., vol. vi.,
 p. 407.
 1901. *Sunetta vaginalis*, Tate and May. *Id.*, vol. xxvi.,
 pt. 3, p. 429.

Hab.—Western Port ; Apollo Bay to Blanket Bay (common) ;
 Lakes Entrance, Gippsland.

Genus **Dosinia**, Scopoli, 1777.

DOSINIA CROCEA, Deshayes.

1853. *Dosinia crocea*, Deshayes. B. M. Cat., pp. 8, 9,
No. 10.

1862. *Dosinia crocea*, Römer. Mon. *Dosinia*, p. 71, pl.
13, f. 4, 4*a*, 4*b*.

Hab.—San Remo.

Obs.—Type from Flinders Island and in the British Museum.

DOSINIA VARIEGATA, Gray.

1838. *Artemis variegata*, Gray. Analyst, vol. viii., p.
309.

1850. *Artemis variegata*, Reeve. Conch. Icon., vol. vi.,
pl. 6, f. 33*a*, not *b* and *c*.

1852. *Artemis variegata*, Sowerby. Thes. Conch., vol.
ii., pt. 13, p. 675, No. 72, pl. 144, f. 83.

Hab.—Port Phillip; Western Port.

DOSINIA COERULEA, Reeve.

1850. *Artemis coerulaea*, Reeve. Conch. Icon., vol. vi.,
pl. 4, f. 25.

1852. *Artemis coerulaea*, Sowerby. Thes. Conch., vol.
ii., pt. 13, p. 664, No. 32, pl. 142, f. 43, 44.

1853. *Dosinia coerulea*, Deshayes. B.M. Cat., p. 19,
No. 46.

1862. *Dosinia coerulaea*, Römer. Mon. *Dosinia*, p. 71,
No. 86, pl. 13, f. 4, 4*a*, 4*b*.

Hab.—Port Phillip; Western Port.

DOSINIA CIRCINARIA, Deshayes.

1853. *Dosinia circinaria*, Deshayes. B. M. Cat., pp. 9,
10, No. 14.

1862. *Dosinia circinaria*, Römer. Mon. *Dosinia*, p. 19,
No. 16.

1863. *Dosinia cydippe*, A. Adams. P.Z.S. Lond., p. 224.

1885. *Dosinia circinaria*, E. A. Smith. Chall. Zool., vol.
xiii., Lam., p. 150, pl. 1, f. 2.

1890. *Dosinia circinaria*, Whitelegge. Jour. Roy. Soc.
N.S.W., vol. xxiii., p. 240, No. 105 (p. 78 in
list).

1898. *Lucina* (*Codakia*) *ambigua*, Brazier. P.L.S. N.S.W., vol. xxiii., pt. 2, p. 272.

1901. *Dosinia cincinaria*, Tate and May. *Id.*, vol. xxvi., pt. 3, p. 429.

Hab.—Rye to Portsea, Port Phillip; Western Port,

Obs.—The type of *L. ambigua*, Brazier, is in the possession of Mrs. Kenyon, and has been examined, so that there is no doubt about its inclusion with the above, it is simply a stunted form with irregular lines of growth.

Genus, **Tapes**, Megerle von Mühlfeldt, 1811.

TAPES FABAGELLA, Deshayes.

1853. *Tapes fabagella*, Deshayes. P.Z.S. Lond., p. 10, No. 45.

1853. *Tapes fabagella*, Deshayes. B. M. Cat., pt. 1, p. 182, No. 62.

1864. *Tapes fabagella*, Reeve. Conch. Icon., vol. xiv., pl. 13, f. 66.

1869. *Tapes fabagella*, Römer. Mon. Venus, p. 91, No. 68, pl. 31, f. 2, 2*a*, 2*b*.

1876. *Rupellaria reticulata*, T. Woods. P.R.S. Tas., p. 159.

1878. *Tapes flabagella*, Angas. P.Z.S. Lond., p. 870, No. 61.

1885. *Tapes* (*Amygdala*) *fabagella*, E. A. Smith. Chall. Zool., vol. xiii., Lam., p. 116.

1901. *Tapes fabagella*, Tate and May. P.L.S. N.S.W., vol. xxvi., pt. 3, p. 429.

Hab.—Common in Port Phillip and Western Port. Puebla Coast.

Obs.—Tate and May include in the synonymy of the above *Tapes victoriae*, T. Woods, the type of which is in the National Museum, Melbourne, but from our examination we have referred that shell to *Chione strigosa*.

TAPES GALACTITES, Lamarck.

1818. *Venus galactites*, Lamarck. Anim. S. Vert., vol. v., p. 599, No. 52.

1819. *Venus galactites*, Lamarck. *Id.* (ed. Desh.), vol. vi., p. 359, No. 52.
1827. *Venerupis galactites*, Gray, in King's survey of Australia, vol. ii., p. 475, No. 7.
1839. *Venus galactites*, Lamarck. *Anim. S. Vert.* (3rd ed. Deshayes and Edwards), vol. ii., p. 614, No. 52.
1842. *Venus galactites*, Hanley. *Cat. Rec. Biv. Shells*, p. 123.
1852. *Tapes galactites*. Sowerby. *Thes. Conch.*, vol. ii., p. 695, pl. 151, f. 132.
1853. *Tapes galactites*, Deshayes. *B. M. Cat.*, pt. 1, p. 183, No. 66.
1856. *Venus galactites*, Hanley. *Cat. Rec. Biv. Shells*, p. 358, pl. 15, f. 51.
1864. *Tapes galactites*, Reeve. *Conch. Icon.*, vol. xiv., pl. 12, f. 65.
1869. *Tapes galactites*, Römer. *Mon. Venus*, p. 93, No. 72, pl. 32, f. 3.
1878. *Rupellaria subdecussata*, T. Woods. *P.R.S. Tas.*, p. 52.
1901. *Tapes galactites*, Tate and May. *P.L.S. N.S.W.*, vol. xxvi., pt. 3, p. 429.

Hab.—Very common in Port Phillip; Western Port; Anderson's Inlet and Kilcunda (W. H. Ferguson).

Family CARDIIDÆ.

Genus *Cardium*, Linnaeus, 1758.

CARDIUM CYGNORUM, Deshayes.

1854. *Cardium cygnorum*, Deshayes. *P.Z.S. Lond.*, p. 331, No. 63.
1865. *Cardium* (*Trachycardium*) *cygnorum*, Angas. *P.Z.S. Lond.*, p. 651, No. 53.
1878. *Cardium cygnorum*, T. Woods. *P.R.S. Tas.*, p. 53.

Hab.—Old valves occasionally obtained at Carrum, Rye, Portsea, Port Phillip; dredged alive Western Port.

CARDIUM PULCHELLUM, Gray.

1840. *Cardium striatulum*, Sowerby (non Brocchi). P.Z.S. Lond., p. 105.
1841. *Cardium striatulum*, Sowerby. Conch. Ill., sp. 9, pl. 49, f. 16, and pl. 177, f. 45.
1842. *Cardium striatulum*, Hanley. Cat. Rec. Biv. Shells, p. 135.
1843. *Cardium pulchellum*, Gray. Dieffenbach's New Zealand, vol. ii., p. 252.
1844. *Cardium pulchellum*, Reeve. Conch. Icon., vol. ii., pl. 8, f. 42.
1844. *Cardium striatulum*, Reeve. *Id.*, pl. 86, f. 60.
1856. *Cardium striatulum*, Hanley. Cat. Rec. Biv. Shells, p. 363, pl. 17, f. 9.
1873. *Cardium striatulum*, Hutton. Cat. Moll. N.Z., p. 73, No. 80.
1878. *Cardium pulchellum*, Angas. P.Z.S. Lond., p. 870, No. 64.
1880. *Cardium striatulum*, Hutton. Man. N.Z. Moll., p. 153.
1885. *Cardium* (*Bucardium*) *pulchellum*, E. A. Smith. Chall. Zool., vol. xiii., Lam., p. 161.
1901. *Cardium pulchellum*, Suter. Trans. N.Z. Inst., vol. xxxiv., p. 222.
1902. *Cardium striatulum*, Hedley. Mem. Austr. Mus., vol. iv., pt. 5, p. 322.

Hab.—Off Port Phillip, and off East Moncoeur Island, Bass Strait (Challenger); Port Phillip Heads (J. B. Wilson); Portsea; dredged off Rhyll, Western Port, about 6 fathoms.

Obs.—We quite agree with Mr. E. A. Smith's treatment of this species. Mr. Hedley states in his above quoted paper that f. 45, in Sowerby, Conchological Illustrations, is not this shell. With this we do not agree.

CARDIUM TENUICOSTATUM, Lamarck.

1819. *Cardium tenuicostatum*, Lamarck. Anim. S. Vert. (ed. Desh.), vol. vi., p. 372.
1839. *Cardium tenuicostatum*. Lamarck. *Id.* (3rd ed. Deshayes and Edwards), vol. ii., p. 624, No. 5.

1841. *Cardium tenuicostatum*, Delessert. Recueil de Coq., pl. 11, f. 6a-c.
1841. *Cardium tenuicostatum*, Sowerby. Conch. Ill., pl. 162, f. 36.
1842. *Cardium tenuicostatum*, Hanley. Cat. Rec. Biv. Shells, p. 130.
1844. *Cardium tenuicostatum*, Reeve. Conch. Icon., vol. ii., pl. 10, f. 50.
1856. *Cardium tenuicostatum*, Hanley. Cat. Rec. Biv. Shells, p. 363, pl. 17, f. 26.
1865. *Papyridea tenuicostata*, Angas. P.Z.S. Lond., p. 651, No. 54.
- Cardium tenuicostatum*, Römer. Conch. Cab., p. 69, pl. 12, f. 6, 7.
- Cardium pallidum*, Römer. *Id.*, f. 92.
- Cardium radiatum*, Römer. *Id.*, f. 89.
1878. *Cardium tenuicostatum*, T. Woods. P.R.S. Tas., p. 53.
1885. *Cardium (Bucardium) tenuicostatum*, E. A. Smith. Chall. Zool., vol. xiii., Lam., p. 159.
1890. *Cardium tenuicostatum*, Whitelegge. Jour. Roy. Soc. N.S.W., vol. xxiii., p. 240, No. 114 (p. 78 in reprint).
1901. *Cardium tenuicostatum*, Tate and May. P.L.S. N.S.W., vol. xxvi., pt. 3, p. 430.

Hab.—Coast generally. Rather common in dredgings off Point Cooke, Port Phillip, 3 to 5 fathoms, sand.

Family CHAMIDAE.

Genus *Chamostrea*, de Roissy, 1825.

CHAMOSTREA ALBIDA, Lamarek.

1819. *Chama albida*, Lamarek. Anim. S. Vert. (ed. Desh.), vol. vi., p. 585.
- ? 1822. *Cleidothaerus chamoides*, Sowerby. Genera, f. 1, 2, 3.
1835. *Cleidothaerus chamoides*, Stutchbury. Zool. Jour., vol. v., p. 98, pl. 42, bis.

1839. *Cleidothaerus albidus*, Deshayes. *Anim. S. Vert.*
(3rd ed. Deshayes and Edwards), vol. ii.,
p. 684.
1843. *Chama albida*, Hanley. *Cat. Rec. Biv. Shells*,
p. 227.
1843. *Cleidothaerus chamoides*, Hanley. *Id.*, p. 227.
1856. *Cleidothaerus chamoides*, Hanley. *Id.*, p. 387, pl.
24, f. 20.
1863. *Chamostrea albida*, Reeve. *Conch. Icon.*, vol. xiv.,
pl. 1, f. 1.
1875. *Chamostrea albida*, Woodward. *Man. Moll.*, p. 500,
pl. 23, f. 14.
1884. *Chamostrea albida*, Tryon. *Struct. and Syst.*
Conch., vol. iii., p. 202, pl. 117, f. 16, 17.
1887. *Chamostrea albida*, Fischer. *Man. de Conch.*, p.
1160, pl. 23, f. 14.

Hab.—Port Phillip and Western Port. Common in 3 to 6 fathoms, rocky bottom.

Family LUCINIDAE.

Genus *Lucina*, Brugière, 1792.

LUCINA MINIMA, T. Woods.

1876. *Lucina minima*, T. Woods. *P.R.S. Tas.*, p. 162.
1878. *Lucina (Codakia) tatei*, Angus. *P.Z.S. Lond.*, p.
863, pl. 54, f. 15.
1897. *Lucina minima*, Tate. *T.R.S. S.A.*, vol. xxi., pt.
1, p. 48.
1902. *Lucina minima*, May. *P.R.S. Tas.*, p. 9 (in pam-
phlet), f. 12.

Hab.—Coast generally.

LUCINA BRAZIERI, Sowerby.

1883. *Tellina brazieri*, Sowerby. *P.Z.S. Lond.*, p. 31, pl.
7, f. 2 (non *T. brazieri*, Sowerby, 1869).
1902. *Lucina brazieri*, Hedley. *Mem. Austr. Mus.*, vol.
iv., pt. 5, p. 319.

Hab.—Port Phillip; Western Port.

LUCINA HUTTONIANA, Vanatta.

1901. *Lucina* (*Divaricella*) *huttoniana*, Vanatta. Proc. Acad. Nat. Sci., Philad., p. 184, pl. 5, f. 14, 15.

Hab.—Port Phillip and Western Port; Puebla Coast.

Obs.—This species has been confused with *L. divaricata*, Lamarck, *L. dentata*, Wood, *L. quadrisulcata*, D'Orbigny, and *L. cumingi*, Adams and Angas, and other species, but it is clearly distinguished and well defined by the above.

LUCINA PEROBLIQUA, Tate.

1892. *Lucina* *perobliqua*, Tate. T.R.S. S.A., vol. xv., pt. 2, p. 128, pl. 1, f. 10.

Hab.—Portsea, Port Phillip.

LUCINA PAUPERA, Tate.

1892. *Lucina* *paupera*, Tate. T.R.S. S.A., vol. xv., pt. 2, p. 129, pl. 1, f. 6.

Hab.—Ocean Beach, Point Nepean.

Genus *Loripes*, Poli, 1791.

LORIPES ASSIMILIS, Angas.

1867. *Loripes* *assimilis*, Angas. P.Z.S. Lond., p. 910, pl. 44, f. 8.

Hab.—Western Port.

LORIPES CRASSILIRATA, Tate.

1887. *Lucina* *crassilirata*, Tate. T.R.S. S.A., vol. ix., p. 67, pl. 4, f. 2.

Hab.—Western Port.

LORIPES ICTERICA, Reeve.

1850. *Loripes* *icterica*, Reeve. Conch. Icon., vol. vi., pl. 10, f. 60*a*, 60*b*.

1865. *Loripes* *icterica*, Angas. P.Z.S. Lond., p. 651, No. 59.

1867. *Loripes* *icterica*, Angas. *Id.*, p. 910.

1878. *Loripes* *icterica*, T. Woods. P.R.S. Tas., p. 53.

Hab.—Common coast generally.

LORIPES sp.

Hab.—Port Phillip and Western Port.

Obs.—This species we have been hitherto unable to satisfactorily identify.